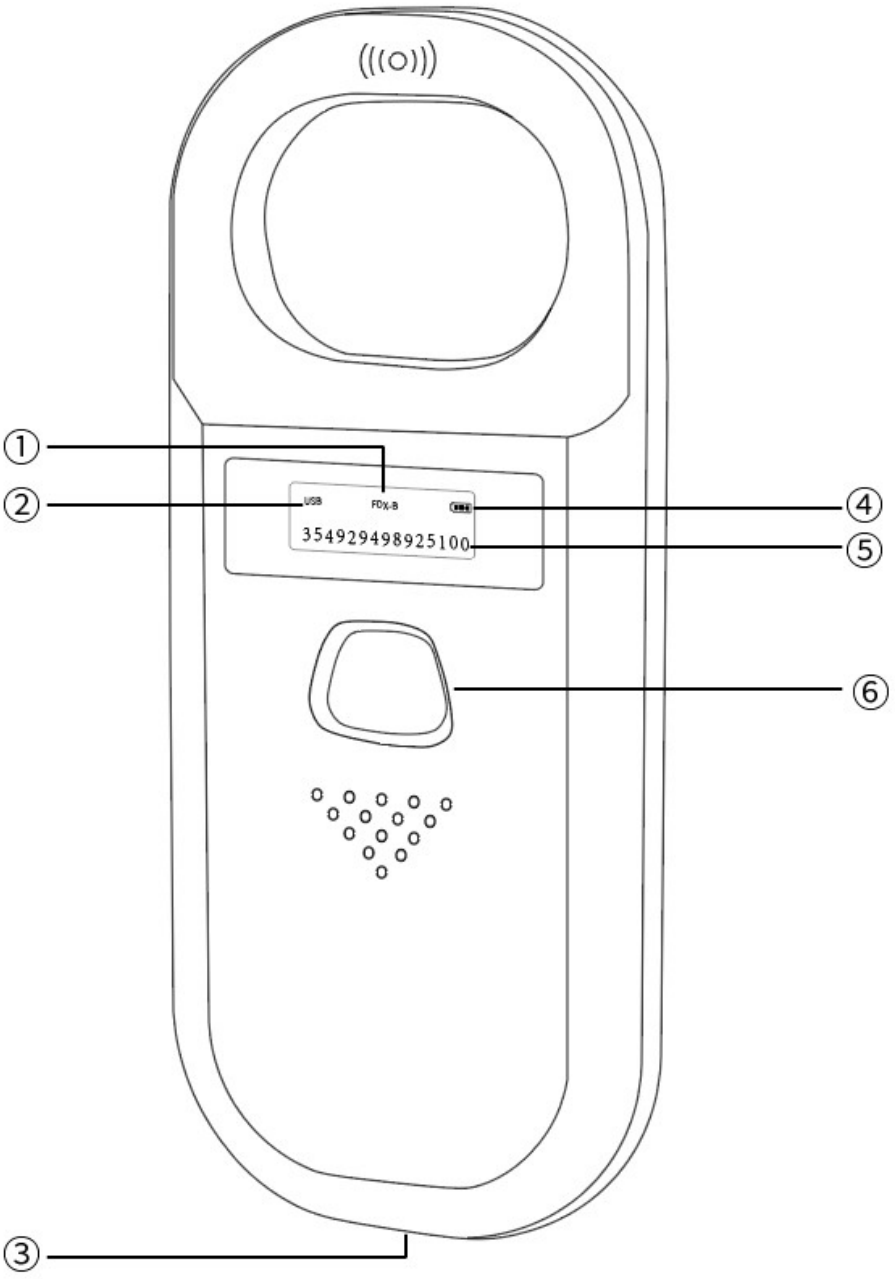
User Manual



① Tag type

② USB connect

③ USB port

④ Battery status

⑤ Tag ID

⑥ Scan button

Introduction

This is a low frequency tag scanner that adopt wireless identification technology and it suppors reading EMID, FDX-B(ISO11784/85) etc. tag.

This scanner uses high brightness OLED display which can be seen clearly in bright light environment. It can store max 128 records of tag information with its built-in memory, users can upload the information to the computer through USB cable.

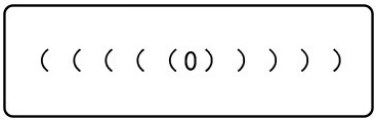
This product is stable with simple operation which is widely used for little animal management, resource management, railway inspection etc.

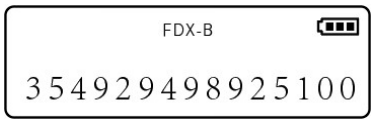
Parameter

PROJECT	PARAMETER
MODEL	W90A
WORKING FREQUENCY	134.2Khz/125Khz
SUPPORT TAG	EMID、FDX-B(ISO11784/85)
READING/ WRITING RANGE	2-12mm glass tube label ＞ 5cm 30mm animal ear mark ＞ 15cm (related to label performance)
STANDARD	ISO11784/85
READING TIME	＜100ms
PROMPT	0.91 "high brightness OLED screen, buzzer
POWER SUPPLY	3.7V (lithium battery)
MEMORY	128 pieces of information
COMMUNICATION	USB2.0, Wireless 2.4g, Bluetooth
LANGUAGE	English or customized
WORKING TEMP	-10℃~50℃
STORAGE TEMP	-30℃~70℃
PACKAGE SIZE	17.5cm×8.8cm×3.5cm
WEIGHT	110g

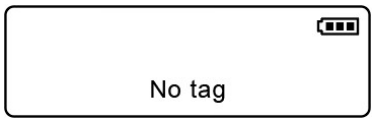
Operation

Turn on the device and scanning.
Press scan button to turn on the device and on scanning model

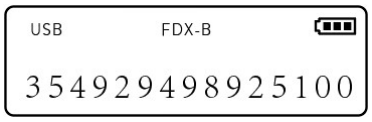




The tag NO. will be displayed on screen if detect a tag, display “No tag” if no tag is detected.



Device could be charged and uploaded data by USB cable.
When device is connected by USB,” USB” will be displayed at top left corner, and on charging status for battery status.



The device is connected via wireless 2.4G, the tag data will be uploaded to the receiving device in real time, and the wireless connection symbol will be displayed in the upper right corner of the screen after inserting the receiver, as shown in the figure:

The device is connected via Bluetooth, and the tag data will be uploaded to the receiving device in real time. Find the device named SYC READER on the receiving end. After the connection is successful, the Bluetooth logo will appear in the upper right corner of the screen, as shown in the figure:

Press scann button for 3s, data will be uploaded from the scanner, MAX 128 records.
After uploading successfully, display as below

The data can be upload in real time if scanner is connected by USB cable when reading a tag.

Scanner will be off after 120s without working.

FCC Statement：

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

-Reorient the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.